**Pulled From The Past Agriculture**

3.4.5 Evaluate soil management strategies in a named commercial farming system and in a named subsistence farming system  
  
3.5.1 Outline the issues involved in the imbalance in global food supply  
  
3.5.2 Compare and contrast the efficiencies of terrestrial and aquatic food production systems  
  
3.5.3 Compare and contrast the inputs and outputs of materials and energy, the system characteristics, and evaluate the relative environmental impacts for two named food production systems  
  
3.5.4 Discuss the links that exist between social systems and food production systems

🡪Describe modern farming practices and how these practices impact the environment.

🡪Compare the food production systems of a LEDC and a MEDC.

🡪Explain how a meat-based diet and a veggie-based diet impacts a society’s ecological footprint.

🡪Describe the characteristics of a named food production system. List its inputs and outputs. Give environmental impacts of this system. Evaluate the sustainability of this system.

🡪What are the pros and cons of aquatic food production systems?

🡪Explain how food production systems can be managed sustainably.

🡪Explain how the green revolution impacted the use of monocultures, inorganic fertilizers, and pesticides.

🡪Explain how the use of fertilizers may have environmental impacts.

🡪Define subsistence farming, intensive farming, monoculture, polyculture, extensive farming, cash crop

🡪Explain how Malthus and Bostrup thought about food production systems. You should graph both of their hypothesis with the exponential population growth of humans.

🡪Compare the efficiency of aquatic food production systems and terrestrial food production systems

🡪For a LEDC and a MEDC farming system, draw systems diagrams, be sure to include inputs, outputs, and the processes involved.

🡪Evaluate the role of socio-cultural factors in the development of food production systems

🡪Referencing a named food production system, explain two ways that food production can be increased.

🡪Explain the idea of production: respiration ratio, referencing a named food production system

🡪Compare soil management in a named commercial farming system and a named subsistence farming system

🡪Explain how food production may contribute to global warming.

🡪Define arable land